

## QUESTIONS?

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Wilmington, OH 45177, USA

G02389

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# STRAIT-LINE®

## ***LASER LEVEL***

## OWNER'S MANUAL

This tool emits a laser beam, which, when used indoors, generates a visible straight line on the surface on which the tool is placed.

This is a Class IIIA (U.S. version) or IIIR (Europe version) laser tool and is manufactured to comply with international safety rule IEC 285.

### **SAFETY INSTRUCTIONS:**

Failure to follow warnings may result in bodily injury.

### **WARNINGS:**

#### **DANGER**

Class IIIA Laser Product

Laser radiation emitted from tool

Max. Power Output < 5mw

Wavelength: 630-670 nm

**Do Not Stare Into Beam**

**AVOID DIRECT EYE EXPOSURE**

**THIS TOOL EMITS A LASER RADIATION**

**This caution  
notice is  
reminded  
with a sticker  
located on  
one side of  
the unit.**

**IMPORTANT:** Read all instructions prior to operating this tool and DO NOT remove any labels from the tool.

**CAUTION** – Use of controls or performance of procedures other than those specified herein may result in hazardous radiation exposure.

The power of the emission of the laser beam exceeds 1mW in Class II and is less than 5mW in Class IIIA (U.S. version), so the following warnings must be followed to avoid injury:

**DO NOT** stare directly at the laser beam.

**DO NOT** project the laser beam directly into the eyes of others.

**DO NOT** set up the tool at eye level or operate the tool on or near a reflective surface, as the laser beam could be projected into your eyes or the eyes of others.

**DO NOT** push the metal pins into material other than drywall or soft wood as breakage of the pins and/or the tool may occur.

To avoid injury, **ALWAYS** make sure the pins are fully retracted before handling or storing the tool, and keep the tool out of reach of children and other untrained persons.

**ALWAYS** turn the laser off when it is not in use or is left unattended for a period of time. Remove the batteries when storing the tool for an extended time to avoid damage to the tool should the batteries deteriorate.

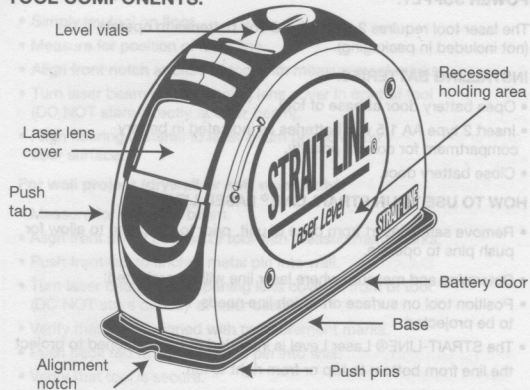
This tool is designed to create a straight line on the surface on which the tool is placed; any reflection of the line on other surfaces, such as a return wall, should not be used as a reference.

### TECHNICAL SPECIFICATIONS:

Recommended use:	Indoor
Length of laser line:	Up to 20 ft (6 meters)
Laser diode type:	Red laser diode 650 nm
Laser class:	US version * Class IIIA EU version * Class IIIR
Operational area:	Up to 20 feet (6 meters) of visible light, indoors.
Power supply:	2 type AA – 1.5 volt batteries
Battery life:	40 hours of continuous use with alkaline batteries
Operating temperature:	32°F to 104°F (0°C to 40°C)
Dimensions:	4 5/8" x 1 5/8" x 3" (120mm x 42mm x 78mm)
Weight:	6.3 oz (180 g) without batteries

**Accuracy: +/- 1/2" at 20 ft (+/- 13 mm at 6 m) when laser level is positioned to project the line from bottom to top or from right to left.**

### TOOL COMPONENTS:



## POWER SUPPLY:

The laser tool requires 2 type AA 1.5 volt batteries to operate (not included in packaging).

## INSTALLING BATTERIES:

- Open battery door at base of tool.
- Insert 2 type AA 1.5 volt batteries as indicated in battery compartment for correct polarity.
- Close battery door.

## HOW TO USE YOUR STRAIT-LINE® LASER LEVEL

- Remove safety insert from base of unit, prior to utilization to allow for push pins to operate.
- Determine and measure where laser line will be projected.
- Position tool on surface on which line needs to be projected.
- The STRAIT-LINE® Laser Level is intended to be positioned to project the line from bottom to top or from right to left.

## For floor project:

- Simply lay tool on floor.
- Measure for position of laser line.
- Align front notch at base of tool with measurement marks.
- Turn laser beam on by opening lens cover in front of tool (DO NOT stare directly at laser beam).
- Align flooring material to laser beam projected on floor surface.

## For wall project (drywall or soft wood only):

- Measure for height of beam.
- Align front notch at base of tool with measurement marks.
- Push front tab to anchor metal pin into wall.
- Turn laser beam on by opening lens cover in front of tool (DO NOT stare directly at laser beam).
- Verify that line is aligned with measurement marks.
- Push back tab to anchor metal pin into wall.
- Verify that tool is secure.
- Align project to laser beam projected on wall surface.

## CARE AND HANDLING:

- Laser tools are precision instruments which must be handled with care.
- Avoid shock, vibrations and extreme heat.
- Always store the laser tool in its case when not in use.
- Avoid dust and water, which may obstruct the lens. If needed, use a soft cloth or cotton swab and glass cleaner to clean the lens.
- Keep the laser tool dry and clean.
- Check batteries regularly to avoid deterioration.
- Remove batteries if the laser tool is to be stored for an extended period of time.

### **DANGER**

Class IIIA Laser Product  
Laser radiation emitted from tool  
Max. Power Output < 5mw  
Wavelength: 630-670 nm  
**Do Not Stare Into Beam**  
**AVOID DIRECT EYE EXPOSURE**  
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## WARRANTY:

Each STRAIT-LINE® laser tool is warranted to be free from defects in material and workmanship for a period of one year from the date of purchase. During the warranty period, should the tool fail to operate under normal conditions and be deemed defective by the manufacturer, the manufacturer reserves the right to repair or replace the product.

This warranty is void if the "Warranty Seal" on the tool is broken or removed.

This warranty does not apply to any damage resulting from, but not limited to, the following: abuse, negligence, accident, water, being dropped from more than 3 feet, any uses for which the tool is not designed, and/or if repairs have been made or attempted by others. Disassembling the laser tool will also void the warranty.

Return all parts of the broken tool to Newell Rubbermaid™  
Huntersville, NC 28078-1801 USA, for a free repair or replacement if warranty applies.

In Australia or New Zealand, return all parts of the broken tool to Newell Rubbermaid Pty, LTD. 44-48 Rocco Drive, Scoresby Victoria 3179, Australia, for a free repair or replacement if warranty applies.